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Science and Technology for Tomorrow's Aerospace Forces

Success Story

MR. MARK A. WUNDERLICH RECEIVES THE ASSOCIATION OF OLD CROWS RESEARCH AND DEVELOPMENT AWARD



Mr. Mark A. Wunderlich of the Sensors Directorate's Electro-Optics Warfare Division received the International Defense Electronics Association of Old Crows Research and Development Award. Mr. Wunderlich received this award for his significant contributions toward the development and demonstration of closed-loop infrared countermeasures as part of the Laser Infrared Flyout Experiment (LIFE) program.



Air Force Research Laboratory
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Sensors
Awards and Recognition

Accomplishment

As LIFE program manager, Mr. Wunderlich was responsible for the programmatic aspects of LIFE as well as the oversight of the entire program. Mr. Wunderlich solved a number of technical challenges prior to the closed-loop infrared countermeasures demonstration.

He led the LIFE program in two successful live-fire demonstrations of the closed-loop infrared countermeasure system. These demonstrations showed the full closed-loop infrared countermeasures process from missile warning to countermeasure effectiveness assessment. They also showed the potential for affordability improvements.

Background

Mr. Wunderlich guided progress reviews and working groups to address challenges. Composed of more than 20 government and industry people, Mr. Wunderlich led the LIFE Team through a thorough analysis of the technical status and test readiness of every major component, implementing corrective action. Mr. Wunderlich evaluated all subsystems prior to testing, both at the contractor's facility and in hardware-in-the-loop tests conducted at the Guided Weapons Evaluation Facility, Eglin AFB, Florida.

Additional information

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